

MENU

SEARCH

INDEX

DETAIL

JAPANESE

LEGAL
STATUS

1 / 1

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-168373

(43)Date of publication of application : 23.06.1998

(51)Int.Cl.

C09D 11/10

B41J 2/01

(21)Application number : 08-331699

(71)Applicant : FUJI XEROX CO LTD

(22)Date of filing : 12.12.1996

(72)Inventor : YUI TOSHIKI
SUZUKI JUNJI
ICHIKAWA NOBUYUKI
YAMASHITA KUNICHI
HASHIMOTO TAKESHI

(54) INK FOR INK JET RECORDING AND RECORDING USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject ink capable of providing good image quality free from lack and unevenness of image because of stable dispersibility of ink and developing excellent quick-drying property and fixing property to various transfer papers by adding a specific polyhydric alcohol-based compound to ink.

SOLUTION: This ink comprises (A) a coloring material insoluble in water (e.g. pigment having 10-150nm primary particle diameter and 20-500nm volume average particle diameter in ink), (B) water and (C) a polyhydric alcohol-based compound selected from a compound of the formula [R is H or a 1-5C alkyl; (m), (n), (o) and (p) are each an integer and $0 \leq (m+n+o+p) \leq 200$] or polyglycerol (e.g. having 2-30 degree of polymerization). Furthermore, the ink preferably comprises 0.01-20wt.%, preferably 0.05-15wt.% component C.

